



03.68246

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re U.S. Patent Application of:)

Applicant(s): Yoshida et al.)

Div. of Serial No.: 09/454,578)

Filed: December 7, 1999)

For: LIQUID CRYSTAL DISPLAY
APPARATUS HAVING WIDE
TRANSPARENT ELECTRODE
AND STRIPE ELECTRODES)

Art Unit: 2871)

Examiner: Schechter, Andrew M.)

I hereby certify that this paper is being deposited with the United States Postal Service as EXPRESS MAIL in an envelope addressed to: MS Patent Application, Commissioner for Patents, Alexandria, VA 22313-1450, on this date.

9-3-03
Date

L. Nelson
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INFORMATION DISCLOSURE STATEMENT

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This IDS is submitted under 37 C.F.R. §1.97(b) within either of the following time periods, whichever occurs last:

- (a) within three months of either the filing date of the national application or the date of entry into the national stage; or
- (b) before the mailing date of first office action on the merits (i.e., not including actions such as restriction requirements).

Applicant(s) submit herewith Form PTO-1449 (Information Disclosure Citation) together with copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 C.F.R. §1.56. Applicant(s) respectfully submit that the citation of any reference on Form PTO-1449 does not constitute an admission that the reference qualifies as prior art.

It is requested that the information disclosed on the enclosed Form PTO-1449 be made of record in this application.

The Commissioner is hereby authorized to charge any additional fees which may be required to this application under 37 C.F.R. §§1.16-1.17, or to credit any overpayment, to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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PTO-1449 U.S. Department of Commerce (Rev. 8-88) Patent and Trademark Office	Attorney Docket No.: 2803.68246	Div. of S.N. 09/454.578
	Applicant: Yoshida et al.	
	Filing Date: Dec. 7, 1999	Group: 2871

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	6,154,266	Nov. 28, 2000	Okamoto et al.	349	129	Mar. 18, 1998
	6,181,402	Jan. 30, 2001	Shim et al.	349	130	Jul. 11, 1997
	6,191,837	Feb. 20, 2001	Fujimaki et al.	349	141	Sep. 19, 1997
	6,222,602	Apr. 24, 2001	Aratani et al.	349	141	Sep. 30, 1996
	6,281,958	Aug. 28, 2001	Nakajima	349	141	Dec. 22, 1998
	6,208,653	Feb. 22, 2000	Nishida	349	141	Jun. 19, 1997
	6,297,866	Oct. 2, 2001	Seo et al.	349	141	Sep. 8, 1998

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	10-186351	Jul. 14, 1998	Japan			Abs.	
	10-153782	Jun. 9, 1998	Japan			Abs.	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner _____ Date Considered _____

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Form PTO-449 (Rev. 8-88)	U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No.: 2803.68246	Div. of S.N. 09/454,578
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		Applicant: Yoshida et al.	
		Filing Date: Dec. 7, 1999	Group: 2871

U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	4,902,103	Feb. 20, 1990	Miyake et al.	350	336	Aug. 10, 1988
	5,434,690	Jul. 18, 1995	Hisatake et al.	359	87	Jul. 26, 1994
	5,745,207	Apr. 28, 1998	Asada et al.	349	141	Nov. 27, 1996
	5,870,160	Feb. 9, 1999	Yanagawa et al.	349	141	Oct. 3, 1996
	5,926,244	Jul. 20, 1999	Takeda et al.	349	139	Jul. 17, 1997
	6,064,451	May 16, 2000	Oh et al.	349	40	Sep. 22, 1997
	6,111,627	Aug. 29, 2000	Kim et al.	349	141	Nov. 24, 1998
	6,128,061	Oct. 3, 2000	Lee et al.	349	141	Dec. 8, 1998

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	9-160042	Jun. 20, 1997	Japan			Abs.	
	9-258201	Oct. 3, 1997	Japan			Abs.	
	7-333617	Dec. 22, 1995	Japan			Abs.	
	7-120792	May 12, 1995	Japan			Abs.	
	10-186366	Jul. 14, 1998	Japan			Abs.	
	10-186351	Jul. 14, 1998	Japan			Abs.	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner

Date Considered

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